

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13C		Page 1 of 7
Title: Commodity Specific Requirements for Green Beans		
Revision: 2	Replaces: 04/01/00	Effective: 01/01/03

1. Purpose:

To provide a listing of PDP identified required compounds for green beans.

2. Scope:

This standard operating procedure (SOP) shall be followed by all laboratories analyzing green beans for PDP. This SOP shall be used in conjunction with SOP PDP-QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

3. References:

- ? PDP Program Plan January-June 2003
- ? SOP PDP-QC-13, "Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings"
- ? Pesticide Chemical News Guide, September 1, 2002
- ? Federal/State Meeting, October 22-23, 2002

4. Specific Procedures:

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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Compounds Required for Green Beans Multi-residue Screens

Green Beans Compound	Reported As	Group	Pest Code
2,4-D ¹			026
Acephate		11	204
Aldrin		5	001
Azinphos methyl		11	042
Benomyl ¹			192
Benoxacor ¹			
Bentazon			
BHC ¹	BHC alpha	5	903
	And BHC beta		904
	Or BHC (total combined)		006
Bifenthrin		8	930
Captan		1	011
Carbaryl		14	102
Carboxin ¹		2	210
Chlordane ¹	Chlordane cis	5	173
	And chlordane trans		172
	Or chlordane (total combined)		014
Chloroneb ¹			
Chlorothalonil		1	164
Chlorpyrifos		11	160
Clomazone		17	719
Cyromazine ¹			255

¹ Required only on samples received by FL1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

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Green Beans Compound	Reported As	Group	Pest Code
DCPA		3	134
DDE	DDE o,p? and/or DDE p,p? or DDE (total combined)	3	911 910 300
Diazinon		11	024
Diazinon O-analog		13	395
Dichlorvos (DDVP)		12	338
Dicloran		7	144
Dicofol	Dicofol o,p? and/or Dicofol p,p? or Dicofol (total combined)	3	253 254 047
Dieldrin		5	028
Dimethoate		11	171
Disulfoton		11	117
Disulfoton sulfone		13	216
Endosulfan I		5	900
Endosulfan II		5	901
Endosulfan sulfate		5	902
Endrin		5	034
EPTC ¹			200
Ethoprop		11	175
Fenvalerate/Esfenvalerate	Esfenvalerate + fenvalerate total	8	ADE
Ferbam ¹			
Fludioxonil		10	B23
Fluridone		17	736
Fonofos		11	163

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Green Beans Compound	Reported As	Group	Pest Code
Glyphosate ¹			
Heptachlor epoxide		5	143
Imazamox ¹			ACA
Imazethapyr ¹			ACD
Imidacloprid ¹		single	967
Inorganic bromide ¹	Methyl bromide		
Iprodione		6	626
Lactofen ¹			A38
Lindane		5	050
Malathion		11	052
Malathion O-analog		13	208
Maneb ¹			
MCPA ¹			318
Metalaxyl		18	607
Methamidophos		11	170
Methomyl		14	159
Methoxychlor p,p'		3	275
Metolachlor		2	283
Myclobutanil		4	679
Omethoate		13	178
Oxydemeton methyl ¹			219
Oxydemeton methyl sulfone		13	245
Paraquat ¹			
PCNB		3	304
Pendimethalin		7	230
Phorate		11	148
Phorate sulfone		13	189
Phosphine ¹			

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Green Beans Compound	Reported As	Group	Pest Code
Piperonyl butoxide		10	070
Pyrethrins ¹			
Pyriproxyfen ¹		17	B24
Sethoxydim			
Spinosad ¹	Spinosad A		ABC
	And Spinosad		ABD
	Or Spinosad (total combined)		ABB
Sulfentrazone ¹			
Sulfosate ¹			
Tebufozide		single	ABG
Thiophanate methyl ¹			
Trifluralin		7	151
Vinclozolin		6	529
Zeta cypermethrin	Cypermethrin (total)	8	597
Ziram ¹			

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Revision 2

October 2002

Monitoring Programs Office

- ? Modified scope
 - ? Removed outline of procedures section
 - ? Updated references
 - ? Updated list of required compounds based on current registrations
 - Added 2,4-D, aldrin, benomyl, benoxacor, bentazon, BHC, bifenthrin, carboxin, chlordane, chloroneb, clomazone, cyromazine, DCPA, endrin, EPTC, ferbam, fludioxonil, fluridone, glyphosate, imazamox, imazethapyr, imidacloprid, inorganic bromide, lactofen, maneb, MCPA, myclobutanil, oxydemeton methyl, paraquat, phosphine, pyrethrins, pyriproxyfen, sethoxydim, spinosad, sulfentrazone, sulfosate, tebufenozide, thiophanate methyl, trifluralin, zeta cypermethrin, and ziram
 - Deleted mevinphos, parathion and O-analog, and propargite
 - ? Deleted marker pesticide requirements for green beans (refer to SOP PDP-QC-13)
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